

NCR-19-7560



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

C45-13-4

Job Sheet 192161



Part No: C45-13-4

Job Qty: 10 pcs *8 amp*

Part Name: Keeper



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/18/19

Job Tracking No:

Due Date: 4/26/19 *AsAP*

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C45-13-4 REV 10 IPP REV A 18.02.14 NEW ISSUE FK VERIFY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	10 pcs		4/26/19	0.00	10.00	Bandsaw - 1		<i>PS 19-04-09</i>
120	HAAS 4 Axis - B4B <i>NV-5000</i>	10 pcs		4/26/19	2.00	10.00	HAAS - 1 - B4B		<i>PS 19-04-09</i>
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
130	QC 2	10 pcs		4/26/19	0.00	0.00	QC 2 - 1		<i>PS 19-04-09</i>
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S170614



Part: C45-13-4

Job No: 192161

Serial No/Batch: S170614

Revision: 10

Inspector:

Exp Date:

Instructions:

Date: 04/09/19

3/18/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

140 QC 8	10 pcs	4/26/19	0.00	0.00	QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	B. 19-04-12
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
150 Outsource - 1 - Heat Treat	10 pcs	4/26/19	0.00	0.00		04/12/2019
160 Outsource - 15 - Nickel Plate	10 pcs	4/26/19	0.00	0.00		04/22/2019
170 Packaging 2-1 - Receive - B4B	10 pcs	4/26/19	0.00	0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	DP APR 26 2019
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 -	

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APR 7 7 2019

				B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
180 QC 6	10 pcs	4/26/19	0.00 0.00	QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	DAS APR 26 2019 68
				QC 6 - 61	9-89
190 Packaging 3-1 - Stock - B4B	10 pcs	4/26/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	DAS 28
				Packaging 3 - 6 - B4B	9-89
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	

					Packaging 3 - 18 - B4B	
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					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
200 QC 21 - SA	10	4/26/19	0.00	0.00	QC 21 - SA - 21	APR 29 2019
	pcs				QC 21 - SA - 70	
					QC 21 - SA - 53	

Part Op 100 - (Bandsaw) 1- Cut 3.500" long
 Descriptions: 120 - (HAAS CNC Vertical Machine) 1-Machine as per folio FE 740 FOLIO REV: AA DWG REV: 10
 2-Machine Engrave S/N 3-Deburr
 130 - (QC2- Inspect parts off machine FAI/FAIB)
 140 - (QC8- Inspect parts - second check)
 150 - (Outsource process - Heat Treat) 1-Issue P/O to Metcore ; P/O 043192 RC 44-46 2-Bead blast 3- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech or ATG***
 160 - (Outside Processing - Nickel Plate) -Issue P/O to Groupe Altech: P/O P0043257 Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 - Certificate of Conformity is required
 170 - (Receive & Inspect for Damage & Mat'l Certs)
 180 - (QC6- All purchased or subcontracted products)
 190 - (Identify as per dwg & Stock Location: _____)
 200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140-S-1.250X1.500	AISI 4140 Steel Bar	2.9100 ft (.291 ea)	100-Bandsaw - 1	<u>5154188</u>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	MT-4140-S-1.250X1.500	3	9	0

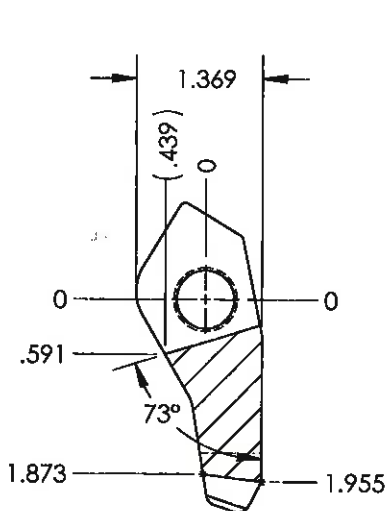
Part Specifications

Specifications could not be found.

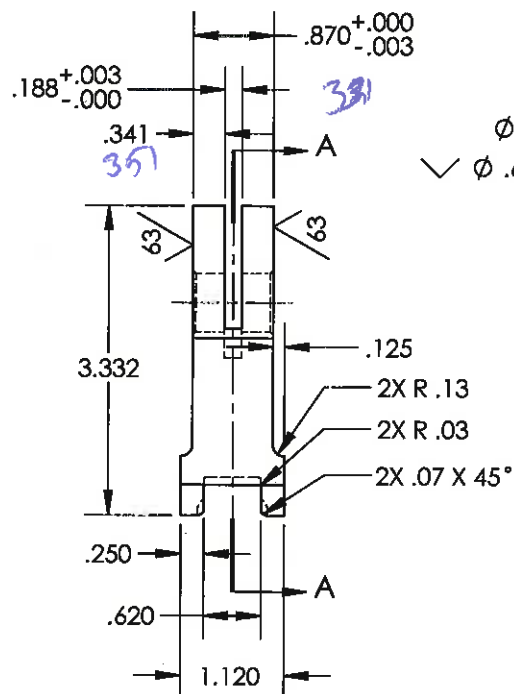
Plex 3/18/19 2:48 PM Dart.lajeunesse.marie

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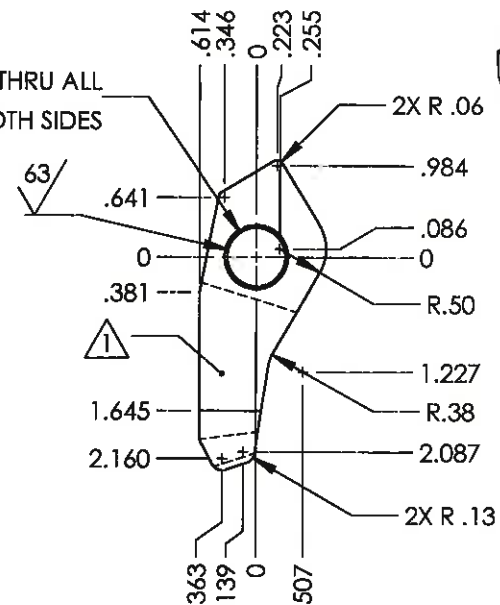
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
9		AS DRAWN BY CANAM.	10/24/2012	JAG	
10	14-0126	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED MACHINE ENGRAVE NOTE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/13/2014	DPD	RW



SECTION A-A



Ø .627^{+.003}/_{-.000} THRU ALL
 ✓ Ø .69 X 90°, BOTH SIDES



NOTES:

1. MACHINE ENGRAVE BATCH NUMBER.
2. NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.

SHOP COPY
 RETURN TO
 ENGINEERING
 UNCONTROLLED COPY
 SUBJECT TO APPROVAL
 WORK ORDER
 NO. 19-2161 MLC
 19-03-18

DART AEROSPACE	
TITLE KEEPER	
DWG NO. C45-13-4	REV 10
MATL 4140/4142	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT HRC 44-46
.XX ± .01 ANGLES ± 5°	FINISH SEE NOTE 2
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .016 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 9/20/2002 SHEET 1 OF 1

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			C45-13-4	1	KEEPER	4140/4142	1-1/8 X 1-7/16 X 3-1/2



Dart Aerospace Ltd.
1270 Aberdeen St
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043192



Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S 1R4 Canada
Phone: 866 257 6395

Attention: Ananth, Nimmy

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO043192

PO Date: 4/12/19

Due Date: 4/22/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	191226	RBE117-15004W6-11	Tube 4 1-Issue P/O; RC 50-56 2-Bead blast 3-Material type; 4140 4- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER HEAT TREAT to ship directly to SURFACE FINISH*** PLEASE SHIP TO GROUP ALTECH Tube 4 -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; O1 -Certificate of Conformity is required	Firmed	-	4/22/19	2 pcs	0 pcs	2 pcs	\$37.50/pcs	\$75.00

Line Item Note PLEASE SHIP TO GROUP ALTECH



Dart Aerospace Ltd.
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PURCHASE ORDER

PO043192



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
2	191218	RBE117-15004W6-1	Drift 1-Issue P/O; RC 50-56 2-Bead blast 3-Material type; 4140 4- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER HEAT TREAT to ship directly to SURFACE FINISH*** PLEASE SHIP TO GROUP ALTECH Drift -Issue P/O : -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; O1 -Certificate of Conformity is required	Firmed	-	4/22/19	4 pcs	0 pcs	4 pcs	\$18.75/pcs	\$75.00

APR 22 2019

DP

Line Item Note PLEASE SHIP TO GROUP ALTECH



Dart Aerospace Ltd.
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Canada

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PURCHASE ORDER

PO043192



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	191222	RBE117-15004W6-3	Thrust Piece 1-Issue P/O; RC 50-56 2-Bead blast 3-Material type; 4140 4- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER HEAT TREAT to ship directly to SURFACE FINISH*** PLEASE SHIP TO GROUP ALTECH Thrust Piece -Issue P/O ; -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; O1 -Certificate of Conformity is required	Firmed	-	4/22/19	2 pcs	0 pcs	2 pcs	\$37.50/pcs	\$75.00

Line Item Note PLEASE SHIP TO GROUP ALTECH



Dart Aerospace Ltd.
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PURCHASE ORDER

PO043192



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	191223	RBE117-15004W6-5	Tube 1 1-Issue P/O; RC 50-56 2-Bead blast 3-Material type; 4140 4- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER HEAT TREAT to ship directly to SURFACE FINISH*** PLEASE SHIP TO GROUP ALTECH Tube 1 -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; O1 -Certificate of Conformity is required	Firmed	-	4/22/19	2 pcs	0 pcs	2 pcs	\$37.50/pcs	\$75.00

X2

APR 22 2019

OP

Line Item Note PLEASE SHIP TO GROUP ALTECH



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

P0043192



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	192618	RB T103307- 101	Seal Tool Outsource1 (Outsource process - Heat Treat) 1-Issue P/O to Metcore ; P/O RC 32-38 *** MATERIAL USED 4140 STEEL ROUND BAR 3.250" (M4140N-R3.250) *** 2-Bead blast 3- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech*** PLEASE SHIP TO GROUP ALTECH Seal Tool Outsource13 (Outside Processing - Zinc Plating) -Issue P/O to Groupe Altech: P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Certificate of Conformity is required	Firmed	-	4/22/19 APR 22 2019	4 pcs	0 pcs	4 pcs	\$18.75/pcs	\$75.00

Line Item Note PLEASE SHIP TO GROUP ALTECH



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

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PURCHASE ORDER

PO043192



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	192161	C45-13-4	Keeper (Outsource process - Heat Treat) 1-Issue P/O to Metcore ; P/O RC 44-46 *** MATERIAL AISI 4140 STEEL BAR (MT-4140-S- 1.250X1.500)*** 2-Bead blast 3- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech or ATG*** PLEASE SHIP TO GROUP ALTECH Keeper (Outside Processing - Nickel Plate) -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N- 290, Class 2, Grade E or F -Nickel Plate .0004- .0006 - Certificate of Conformity is required	Firmed	-	4/22/19	8 pcs	0 pcs	8 pcs	\$21.25/pcs	\$170.00
Line Item Note PLEASE SHIP TO GROUP ALTECH Grand Total: \$545.00											



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043192



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/22/19 8:38 AM dart.Lussier.Patrick

Atlantic Heat Treating (2001) Ltd

Order No.: 165353

Ship Date: 17/4/2019

Shipping Ticket

Sold To: 1448
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Ship To: 162306
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

Purchase Order Number	Packing List No	Customer Job No	Route	Carrier
PO043192				

Quantity	Part No. / Part Name / Part Description	Pounds
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8 PCS MATERIAL 4140 PH
ANNEAL AND HEAT TREAT TO 44-46RC
SANDBLAST, C OF C, PRT# C45-13-4, JOB# 192161

Container Type	# Of Containers	Cust Cont Id	Container Type	# Of Containers	Cust Cont Id
BOX	1				

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped: 8

Pounds Shipped: 4.00

Order No.: 165353

Shipped Complete

Quantity Shipped: 8.00

Received By:

Date:

Pounds Shipped: 4.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 04/17/2019

Certification

Date: 04/18/2019

Entry Date: 04/17/2019

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: PO043192

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4140

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
8	8 PCS MATERIAL 4140 PH ANNEAL AND HEAT TREAT TO 44-46RC SANDBLAST, C OF C, PRT# C45-13-4, JOB# 192161	4

Insp. Type	Scale	Minimum	Maximum	Number	Other
Customer Requirements:					

Harden rockwell

Results:

Harden ROCKWE 44. 46. 46. TESTED AS PER SAMPLING PLAN

HEAT TREATED TO 46 RC AS PER CUSTOMER REQUEST

DAS
68
9-89

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER. IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OR CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE AFOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of material by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for raptures caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.

KEAN SHEPHERD
QUALITY CONTROL

ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043257



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3866
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO043257
PO Date: 4/22/19
Due Date: 4/26/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	192161	C45-13-4	Keeper (Outside Processing - Nickel Plate) -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 - Certificate of Conformity is required	Firmed X8	-	4/26/19 APR 26 2019	8 pcs	0 pcs	8 pcs	\$15.00/pcs	\$120.00 DAG 63 9-89

Grand Total: \$120.00

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/23/19 2:12 PM dart.Lussier.Patrick



Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

018664 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courtier / Acc. No.	Bon de commande Client Customer Purchase Order No				
24-Apr-2019		SVETLANA DORZHIYEVA		043257				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comen. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C45-13-4 Rev.	C45-13-4 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004-0.0006 THICK	E-NICKEL-200 CH	8	8	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: 12 Date: Oct 24/19Work Order update only ☐

Work Order: <u>192 161</u> Part No. <u>C45-13-4</u> NCR No. <u>19-7560</u>		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☒ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☒</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☒	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																									
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Date: <u>19-07-10</u>		Step #: <u>op#1 et op#2</u>		QTY Effective: <u>2 (106 each)</u>		MRB (QSI042) Approval <u>MLe</u>																																																																																									
Description Work Order Deviation <u>1ps has slot position (0341) at 0351</u> <u>and 1ps has thickness .870 to .875</u> <u>between .868/.865"</u>				Disposition <u>Talked to Mike Lee</u>				Completed By <u>P.J</u> <u>19-04-10</u>																																																																																							
				Lead hand / Supervisor Approval Verification <u>Da 19-04-11</u>																																																																																											
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